AMENDMENTS TO THE CLAIMS

1.   (Currently Amended) A method of configuring a communication port for communication with a device, comprising the steps of:

        providing a memory module having communication port configuration data that is associated with the device stored thereon, said communication port configuration data comprising a baud rate and a format for arranging data bits, stop bits, and parity bits in a serial transmission;

        associating the memory module with the communication port; and

        configuring the communication port based on the communication port configuration data stored on the memory module.

2.   (Original) A method as recited in Claim 1, wherein the memory module is a non-volatile memory cartridge.

3.   (Original) A method as recited in Claim 2, wherein the step of associating the memory module with the communication port comprises the steps of:

        associating a memory module slot with the communication port; and

        inserting the non-volatile memory cartridge into the memory module slot.

4.   (Cancelled)

5.   (Original) A method of controlling a first device by a second device via

communication with a network translation device, comprising the steps of:

determining at the network translation device if the first device has

functionality that is controllable via a first protocol; ~~and~~

notifying the second device via the first protocol that the first device has

functionality that is controllable via the first protocol if the first device has

functionality that is controllable via the first protocol;

sending first device functionality information from the network translation

device to the second device via the first protocol if the first device has functionality

that is controllable via the first protocol; and

receiving a request via the first protocol from the second device for first device

functionality information at the network translation device.

6.   (Cancelled)

7.   (Original) A method as recited n Claim 5, further comprising the steps of:

sending a command for invoking functionality of the first device from the

second device to the network translation device via the first protocol if the first

device has functionality that is controllable via the first protocol;

translating the command from a first protocol format into a second protocol

format at the network translation device; and

sending the translated command from the network translation device to the

first device via a second protocol.

8. (Original) A method as recited in Claim 5, wherein the step of determining at

the network translation device if the first device has functionality that is

controllable via the first protocol comprises the steps of:

associating a memory module with the first device at the network translation

device; and

determining if the memory module contains data associated with

functionality provided by the first device.

9. (Original) A method as recited in Claim 8, wherein the step of sending first

device functionality information from the network translation device to the second

device if the first device has functionality that is controllable via the first protocol

comprises the step of:

sending at least one message containing the data associated with

functionality provided by the first device from the network translation device to the

second device via the first protocol if the memory module contains data associated

with functionality provided by the first device.

10.   (Original) A method as recited in Claim 5, wherein the first protocol is selected from the group consisting of Jini protocol, Salutation protocol, and Universal Plug and Play (UPnP) protocol.

11.   (Original) A method of controlling a first device by a second device via communication with a network translation device, comprising the steps of:

configuring a communication port on the network translation device for communication with the first device, comprising the steps of;

providing a memory module having communication port configuration data that is associated with the first device stored thereon;

associating the memory module with the communication port; and

configuring the communication port based on the communication port configuration data stored on the memory module;

determining if the memory module contains data associated with functionality provided by the first device that is controllable via a first protocol; and

sending at least one message containing the data associated with the functionality provided by the first device from the network translation device to the second device via the first protocol if the memory module contains data associated

with functionality provided by the first device that is controllable via the first

protocol.

12.   (Original) A method as recited in Claim 11, further comprising the steps of:

sending a command for invoking functionality of the first device from the

second device to the network translation device via the first protocol if the memory

module contains data associated with functionality provided by the first device that

is controllable via the first protocol;

translating the command from a first protocol format into a second protocol

format at the network translation device; and

sending the translated command from the network translation device to the

first device over the configured communication port via the second protocol.

13.   (Currently Amended) A network translation device, comprising:

a communication port;

a memory module <u>associated with the communication port and</u> having

communication port configuration data stored thereon, <u>and wherein said</u>

<u>communication port configuration data is associated with functionality provide by a</u>

<u>first device</u> ~~the memory module being associated with the communication port~~; and

a processor that is communicatively coupled to the memory module, <u>wherein</u>

<u>said processor</u> ~~and that~~ configures the communication port based on the

communication port configuration data stored on the memory module <u>and sends at</u>

<u>least one message containing the data associated with functionality provided by the</u>

<u>first device to a second device</u>.

14.   (Original) A network translation device as recited in Claim 13, wherein the

memory module is a non-volatile cartridge.

15.   (Cancelled)

16.   (Cancelled)

17.   (Currently Amended) A network translation device as recited in Claim <u>13</u> ~~16~~,

wherein the network translation device further comprises:

        a memory that is communicatively coupled to the processor and having

command translation data stored thereon.

18.   (Original) A network translation device as recited in Claim 17, wherein the

processor is configured to translate a command received from the second device for

invoking functionality of the first device and having a first protocol format into a

second protocol format based on the command translation data, and is further

configured to send the translated command to the first device.

19.   (Currently Amended) A system for configuring a communication port for

communication with a device, comprising:

    means for providing a memory module having communication port

configuration data that is associated with the device stored thereon, <u>said</u>

<u>communication port configuration data comprising a baud rate and a format for</u>

<u>arranging data bits, stop bits, and parity bits in a serial transmission</u>;

    means for associating the memory module with the communication port; and

    means for configuring the communication port based on the communication

port configuration data stored on the memory module.

20.   (Original) A system as recited in Claim 19, wherein the memory module is a

non –volatile memory cartridge.

21.   (Original) A system as recited in Claim 20, wherein the means for

associating the memory module with the communication port comprises:

    means for associating a memory module slot with the communication port;

and

    means for inserting the non-volatile memory cartridge into the memory

module slot.

22.   (Cancelled)

23.   (Currently Amended) A system for controlling a first device by a second via

communication with a network translation device, comprising:

       means for determining at the network translation device if the first device has

functionality that is controllable via a first protocol; ~~and~~

       means for notifying the second device via the first protocol that the first device

has functionality that is controllable via the first protocol if the first device has

functionality that is controllable via the first protocol;

       means for sending first device functionality information from the network

translation device to the second device via the first protocol if the first device has

functionality that is controllable via the first protocol; and

       means for receiving a request via the first protocol from the second device for

first device functionality information at the network translation device.

24.   (Cancelled)

25.   (Original) A system as recited in Claim 23, further comprising:

       means for sending a command for invoking functionality of the first device

from the second device to the network translation device via the first protocol if the

first device has functionality that is controllable via the first protocol;

means for translating the command from a first protocol format into a second

protocol format at the network translation device; and

means for sending the translated command from the network translation

device to the first device via a second protocol.

26.   (Original) A system as recited in Claim 23, wherein the means for

determining at the network translation device if the first device has functionality

that is controllable via the first protocol comprises:

means for associating a memory module with the first device at the network

translation device; and

means for determining if the memory module contains data associated with

functionality provided by the first device.

27.   (Original) A system as recited in Claim 26, wherein the means for sending

first device functionality information form the network translation device to the

second device if the first device has functionality that is controllable via the first

protocol comprises:

means for sending at least one message containing the data associated with

functionality provided by the first device from the network translation device to the

second device via the first protocol if the memory module contains data associated

with functionality provided by the first device.

28.   (Original) A system as recited in Claim 23, wherein the first protocol is selected from the group consisting of Jini protocol, Salutation protocol, and Universal Plug and Play (UPnP) protocol.

29.   (Original) A system for controlling a first device by a second device via communication with a network translation device, comprising:

means for configuring a communication port on the network translation device for communication with the first device, comprising;

means for providing a memory module having communication port configuration data that is associated with the first device stored thereon;

means for associating the memory module with the communication port; and

means for configuring the communication port based on the communication pot configuration data stored on the memory module;

means for determining if the memory module contains data associated with functionality provided by the first device that is controllable via a first protocol; and

means for sending at least one message containing the data associated with the functionality provided by the first device from the network translation device to the second device via the first protocol if the memory module contains data

associated with functionality provided by the first device that is controllable via the first protocol.

30.   (Original) A system as recited in Claim 29, further comprising:

means for sending a command for invoking functionality of the first device from the second device to network translation device via the first protocol if the memory module contains data associated with functionality provided by the first device that is controllable via the first protocol;

means for translating the command from a first protocol format into a second protocol format at the network translation device; and

means of sending the translated command from the network translation device to the first device over the configured communication port via the second protocol.

31.   (Currently Amended) A computer program product for configuring a communication port for communication with a device, comprising:

a computer readable storage medium having computer readable program coded embodied therein, the computer readable program coded comprising:

computer readable program code for providing a memory module having communication port configuration data that is associated with the device stored

thereon, <u>said communication port configuration data comprising a baud rate and a</u>

<u>format for arranging data bits, stop bits, and parity bits in a serial transmission;</u>

computer readable program code for associating the memory module with the

communication port; and

computer readable program code for configuring the communication port

based on the communication port configuration data stored on the memory module.

32.   (Original) A computer program product as recited in Claim 31, wherein the

memory module is a non-volatile memory cartridge.

33.   (Original) A computer program product as recited in Claim 32, wherein the

computer readable program code for associating the memory module with the

communication port comprises:

computer readable program code for associating a memory module slot with

the communication port; and

computer readable program code for inserting the non-volatile memory

cartridge into the memory module slot.

34.   (Cancelled)

35.   (Currently Amended) A computer program product for controlling a first

device by a second device via communication with a network translation device,

comprising:

a computer readable storage medium having computer readable program code

embodied therein, the computer readable program code comprising:

computer readable program code for determining at the network translation

device if the first device has functionality that is controllable via a first protocol; ~~and~~

computer readable program code for notifying the second device via the first

protocol that the first device has functionality that is controllable via the first

protocol if the first device has functionality that is controllable via the first protocol;

computer readable program code for sending first device functionality

information from the network translation device to the second device via the first

protocol if the first device has functionality that is controllable via the first protocol;

and

computer readable program code for receiving a request via the first protocol

from the second device for first device functionality information at the network

translation device.

36.   (Cancelled)

37. (Original) A computer program product as recited in Claim 35, further

comprising:

computer readable program code for sending a command for invoking

functionality of the first device from the second device to the network translation

device via the first protocol if the first device has functionality that is controllable

via the first protocol;

computer readable program code for translating the command from a first

protocol format into a second protocol format at the network translation device; and

computer readable program code for sending the translated command from

the network translation device to the first device via a second protocol.

38. (Original) A computer program product as recited in Claim 35, wherein the

computer readable program code for determining at the network translation device if

the first device has functionality that is controllable via the first protocol comprises:

computer readable program code for associating a memory module with the

first device at the network translation device; and

computer readable program code for determining if the memory module

contains data associated with functionality provided by the first device.

39. (Original) A computer program product as recited in Claim 38, wherein the

computer readable program code for sending first device functionality information

from the network translation device to the second device if the first device has

functionality that is controllable via the first protocol comprises:

computer readable program code for sending at least one message containing

the data associated with functionality provided by the first device from the network

translation device to the second device via the first protocol if the memory module

contains data associated with functionality provided by the first device.

40.   (Original) A computer program product as recited in Claim 35, wherein the

first protocol is selected from the group consisting Jini protocol, Salutation protocol,

and Universal Plug and Play (UPnP) protocol.

41   (Original) A computer program product for controlling a first device by a

second device via communication with a network translation device, comprising:

a computer readable storage medium having computer readable program code

embodied therein, the computer readable program code comprising:

computer readable program code for configuring a communication port on the

network translation device for communication with the first device, comprising:

computer readable program code for providing a memory module having

communication port configuration data that is associated with the first device

stored thereon;

computer readable program code for associating the memory module with the communication port; and

computer readable program code for configuring the communication port based on the communication port configuration data stored on the memory module;

computer readable program code for determining if the memory module contains data associated with functionality provided by the first device that is controllable via a first protocol; and

computer readable program code for sending at least one message containing the data associated with the functionality provided by the first device from the network translation device to the second device via the first protocol if the memory module contains data associated with functionality provided by the first device that is controllable via the first protocol.

42.   (Original) A computer program product as recited in Claim 41, further comprising:

computer readable program code for sending a command for invoking functionality of the first device from the second device to the network translation device via the first protocol if the memory module contains data associated with functionality provided by the first device that is controllable via the first protocol;

computer readable program code for translating the command from a first

protocol format into a second protocol format at the network translation device; and

computer readable program code for sending the translated command from

the network translation device to the first device over the configured communication

port via the second protocol.